IN THE CLAIMS

Please amend the claims as follows:

Claims 1-22 (Canceled).

Claim 23 (Currently Amended): A mobile ~~Mobile~~ test rig for ~~tires,~~ testing a wheel-tire assembly ~~which is composed of~~ , said test rig comprising:

a self-driven platform, capable of following rectilinear and circular trajectories on a test track, ~~and which comprises:~~

an instrument module mounted on said platform and configured to test said ~~for testing~~ a wheel-tire assembly ~~to be tested~~, ~~which permits~~ said instrument module being configured to place the wheel-tire assembly in contact with said test track, to orient said wheel-tire assembly ~~to be orientated~~ in all directions, to lean the wheel-tire assembly, and to apply a vertical effort to the wheel-tire assembly;

first swivelling axles~~,~~ mounted to said platform and equipped with suspensions and driving wheels in contact with said test track;

a processing unit associated to a memory and configured to control said instrument module and said first swiveling axles; and

means for controlling a test cycle permitting orientation of the wheel-tire assembly, and a load applied to said ~~the~~ assembly~~, to be controlled~~.

Claim 24 (Currently Amended): The test ~~Test~~ rig of claim 23, further comprising acquisition and trajectory control means associated to a positioning system.

Claim 25 (Currently Amended): The test ~~Test~~ rig according to claim 23, ~~which~~ wherein said platform includes means for being ~~can be~~ piloted remotely.

Claim 26 (Currently Amended): The test ~~Test~~ rig of claim 25, further comprising radio communication means for permitting communication with a control unit.

Claim 27 (Currently Amended): The test ~~Test~~ rig of claim 23, which can be transported.

Claim 28 (Currently Amended): The test ~~Test~~ rig according to claim 23, further comprising second swivelling axles, equipped with suspensions and non driving wheels.

Claim 29 (Currently Amended): The test ~~Test~~ rig according to claim 23, in which each axle is equipped with four wheels.

Claim 30 (Currently Amended): The test ~~Test~~ rig of claim 29, which comprises eight axles equipped with driving wheels, and four axles equipped with non-driving wheels.

Claim 31 (Currently Amended): The test ~~Test~~ rig of claim 23, in which the instrument module comprises one first actuator permitting vertical efforts applied to the tire to be tested to be generated and at least one second actuator permitting the tire to be leant.

Claim 32 (Currently Amended): The test ~~Test~~ rig of claim 23, further comprising two diesel motors driving at least two hydraulic pumps, one for a left part of the platform, one for a right part of the platform.

Claim 33 (Currently Amended): The test ~~Test~~ rig according to claim 23, in which each axle is equipped with an actuator for adjusting height of the platform.

Claim 34 (Currently Amended): The test ~~Test~~ rig of claim 23, further comprising at least one camera permitting the trajectory to be monitored, and at least one camera permitting deformations of the tire to be tested to be assessed.

Claim 35 (Currently Amended): The test ~~Test~~ rig of claim 23, further comprising traction/compression sensors situated at an interface of a spindle of a wheel equipped with the tire to be tested and a fork holding the tire.

Claim 36 (Currently Amended): The test ~~Test~~ rig of claim 30, further comprising:

two sensors to measure longitudinal effort and moment around the vertical axis;

two sensors to measure the vertical effort and moment around the longitudinal axis;

one sensor to measure lateral effort;

one sensor to measure moment around the lateral axis;

one sensor to measure braking torque.

Claim 37 (Currently Amended): The test ~~Test~~ rig of claim 23, further comprising a flashing light signal system, and a siren.

Claim 38 (Currently Amended): The test ~~Test~~ rig of claim 23, in which the instrument module is situated in a center of the platform.

Claim 39 (Currently Amended): The test ~~Test~~ rig of claim 23, in which the instrument module comprises an actuator assisted by fixed and/or removable ballasts permitting vertical efforts applied to the tire to be tested to be generated.

Claim 40 (Currently Amended): The test ~~Test~~ rig according to claim 23, which can be dismantled and that is formed by three balanced parts of two half platforms and the instrument module.

Claim 41 (Currently Amended): The test ~~Test~~ rig of claim 40, in which the two half platforms are self-driven.

Claim 42 (Currently Amended): The test ~~Test~~ rig according to claim 23, in which the wheel-tire assembly to be tested is an aircraft wheel-tire assembly.

Claim 43 (Currently Amended): A ~~Implementation~~ process of testing a tire with a ~~the~~ test rig, said method ~~according to claim 23~~ comprising:

positioning the test rig in one position of a test track;

learning an ideal trajectory, by moving the test rig at low speed along a longitudinal axis of the track, with acquisition of points of the trajectory using the positioning system; and

performing one or more test steps.

Claim 44 (Currently Amended): The process ~~Process~~ of claim 43, ~~in which~~ wherein each test step ~~of the test~~ comprises:

~~a phase of~~ speeding up the test rig;

launching a test phase during which a series of skid angles of the tire to be tested[[,]] are pre-programmed and uploaded onto the test rig~~, is launched~~; and

stopping said test ~~a stop~~ phase.

Claim 45 (New): A test rig for testing a tire, said test rig comprising:

means for positioning the test rig in one position of a test track;

means for learning an ideal trajectory, by moving the test rig at low speed along a longitudinal axis of the track, with acquisition of points of the trajectory using the positioning system; and

means for performing one or more test steps.

Claim 46 (New): The test rig of claim 45, further comprising means for launching a test phase during which a series of skid angles of the tire to be tested are pre-programmed and uploaded onto the test rig.

Claim 47 (New): The test rig of claim 23, wherein said self-drive platform comprises four groups of axles including, relative to said wheel-tire assembly to be tested, a front left group, a front right group, a rear left group, and a rear right group.

Claim 48 (New): The test rig of claim 47, wherein each of said four groups of axels includes three axles.

Claim 49 (New): The test rig of claim 23, wherein said instrument module includes a position system configured to determine a trajectory of said wheel-tire assembly on said test track.

Claim 50 (New): The test rig of claim 49, wherein said position system is a differential global positioning system.

Claim 51 (New): The test rig of claim 49, further comprising a programmable logic control configured to compare an actual trajectory of said wheel-tire assembly on said test track to a predetermined trajectory, and to apply corrective angles to said first swiveling axles in order to bring the test rig onto said predetermined trajectory.